

CLAIM AMENDMENTS

1.-31. (cancelled)

32. (currently amended) A lamp assembly comprising:

a housing having an inlet opening and an outlet opening;

a bulb assembly disposed within the housing to produce radiation, the bulb assembly including a bulb having a bulb longitudinal axis;

at least one conduit connecting the inlet opening and the outlet opening transporting fluid through the housing, the conduit including a conduit longitudinal axis that is substantially parallel to the bulb longitudinal axis; and

a reflector assembly disposed within the housing, said reflector assembly including at least two diminishing radii of curvature that terminate at a terminal curvature peak which projects toward and immediately adjacent the bulb, wherein substantially all light emitted from the bulb assembly is reflected away from the bulb assembly toward the at least one conduit, wherein each of the diminishing radii of curvature transition at locations opposite the terminal curvature peak to corresponding constant radii portions of the reflector assembly, wherein the conduit is positioned adjacent at least one of the constant radii portions.

33. (cancelled)

34. (currently amended) The lamp assembly of claim 32 wherein:

the reflector assembly includes a ~~pair of reflectors which cooperate to surround the at least one conduit~~ second terminal curvature peak, and wherein the at least one conduit is

positioned midway between the terminal curvature peaks of the reflector assembly so that the conduit receives light reflected from opposite sides of the reflector assembly.

35. (currently amended) The lamp assembly of claim 34 wherein:

each of the pair of the reflectors are elongate and are [generally] omega shaped in cross-section, each of the pair of the reflectors having opposing generally curved central portions and a pair of opposing flanges which mate with one another.

36. (currently amended) The lamp assembly of 32 wherein:

the reflector assembly includes at least one reflector having a [generally] planar portion [and a curved portion, the curved portion focusing the emitted radiation upon the at least one conduit] joined with the terminal curvature peak, the planar portion extending outwardly away from the bulb assembly.

37. (previously presented) The lamp assembly of claim 32 further comprising:

a lower end cap disposed at a lower portion of the lamp assembly.

38. (previously presented) The lamp assembly of claim 37 wherein:

the lower end cap is generally cup-shaped and includes a self-sealing valve to prevent liquid from escaping from the lower end cap.

39. (original) The lamp assembly of claim 38 wherein:

the valve includes a check ball valve.

40. (original) The lamp assembly of claim 32 further comprising:

a top end cap which includes the inlet.

41. (currently amended) The lamp assembly of claim 40 wherein:

the top end cap includes a button extending away from the bulb assembly.

42. (previously presented) The lamp assembly of claim 32 wherein:

a pair of elongate and curved enclosures wrap around the reflector assembly.

43.-70. (cancelled)

71. (currently amended) A lamp assembly comprising:

a housing;

a conduit disposed within said housing and including a conduit longitudinal axis;

a bulb disposed within the housing to produce radiation, the bulb including a longitudinal axis that is substantially parallel to the conduit longitudinal axis; and

a reflector assembly including a plurality of diminishing radii of curvature that terminate at a terminal curvature peak which projects outward toward the bulb, the terminal curvature peak being positioned immediately adjacent the bulb, the reflector assembly reflecting substantially all radiation emitted from the bulb toward the conduit, wherein at least one of the plurality of diminishing radii of curvature transition at an inflection point to corresponding constant radii portions, at least one of the constant radii portions being adjacent the conduit.

72. (new) The lamp assembly of claim 71 wherein a first set of diminishing radii of curvature from the plurality of diminishing radii of curvature is positioned on a first side of the reflector assembly and a second set of the diminishing radii of curvature from the plurality of diminishing radii curvature is positioned on a second side of the reflector assembly, wherein the conduit is positioned midway between the first set of diminishing radii of curvature and the

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second set of diminishing radii of curvature so that the conduit receives radiation from the first set and the second set of diminishing radii of curvature.

73. (new) The lamp assembly of claim 71 comprising a planar portion joined with the terminal curvature peak, the planar portion projecting outwardly and away from the bulb.